

Electronic Acknowledgement Receipt

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|---|--|
| EFS ID: | 5852727 |
| Application Number: | 10701030 |
| International Application Number: | |
| Confirmation Number: | 6147 |
| Title of Invention: | DUAL-MODE CHEMICAL-ELECTRIC THRUSTERS FOR SPACECRAFT |
| First Named Inventor/Applicant Name: | Gregory G. Spanjers |
| Customer Number: | 23363 |
| Filer: | Tiffany A. Parcher/Robin Ford |
| Filer Authorized By: | Tiffany A. Parcher |
| Attorney Docket Number: | 5143B/JWP/W382 |
| Receipt Date: | 07-AUG-2009 |
| Filing Date: | 03-NOV-2003 |
| Time Stamp: | 19:09:02 |
| Application Type: | Utility under 35 USC 111(a) |

Payment information:

| | |
|--|-----------------|
| Submitted with Payment | yes |
| Payment Type | Deposit Account |
| Payment was successfully received in RAM | \$1064 |
| RAM confirmation Number | 4327 |
| Deposit Account | 031728 |
| Authorized User | |

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees)

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File Listing:

| Document Number | Document Description | File Name | File Size(Bytes)/ Message Digest | Multi Part /.zip | Pages (if appl.) |
|-----------------|---|--------------------------|--|------------------|------------------|
| 1 | Post Allowance Communication - Incoming | 51438_Commentson_RFA.pdf | 41557 | no | 2 |
| | | | 5c2fa31a8f3e84c44e02dd8b4949b631021c20 | | |

Warnings:**Information:**

| | | | | | |
|---|-----------------------------|--------------------------------|--|----|---|
| 2 | Issue Fee Payment (PTO-85B) | 51438_IssueFee_Transmittal.pdf | 92322 | no | 1 |
| | | | af0ac70eb59dc637468c7b0b0319408791817221dc | | |

Warnings:**Information:**

| | | | | | |
|---|-------------------------|--------------|---------------------------------------|----|---|
| 3 | Fee Worksheet (PTO-875) | fee-info.pdf | 33691 | no | 2 |
| | | | 916a52b08fcd27718a292d149976087c0986a | | |

Warnings:**Information:**

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| Total Files Size (in bytes): | 167570 |
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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

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